

For Research Use Only

N4BP3 Polyclonal antibody

Catalog Number: 16733-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

16733-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10194

GenBank Accession Number:

BC053323

GeneID (NCBI):

23138

UNIPROT ID:

O15049

Full Name:

Nedd4 binding protein 3

Calculated MW:

544 aa, 60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue,

IP : mouse brain tissue,

IHC : human kidney tissue, human cervical cancer tissue

Background Information

N4BP3, also named as KIAA0341, a Fezzin family member, during nerve cell development. It is crucial for axonal and dendritic branching in developing neurons. It binds the protein NEDD4 and interacts with 14-3-3 proteins. N4BP3 is present in early neurites, growth cones, axons and dendrites of developing primary hippocampal neurons. This antibody detects 60 kDa N4BP3 protein and a weaker 40 kDa protein (unknown).

Notable Publications

Author	Pubmed ID	Journal	Application
Chen Wang	34880843	Front Microbiol	WB,IP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

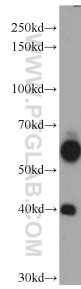
T: 4006900926

E: Proteintech-CN@ptglab.com

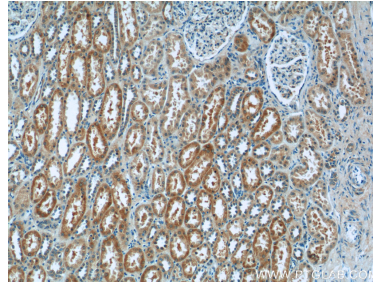
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

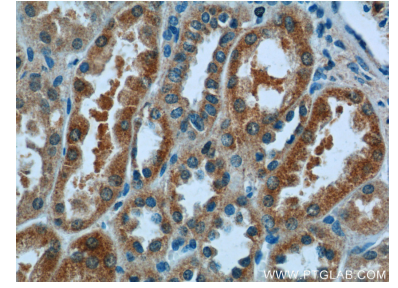
Selected Validation Data



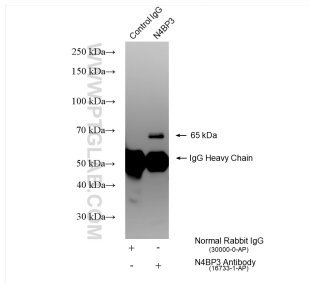
mouse brain tissue were subjected to SDS PAGE followed by western blot with 16733-1-AP (N4BP3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16733-1-AP (N4BP3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16733-1-AP (N4BP3 Antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-N4BP3 (IP:16733-1-AP, 4ug;
Detection:16733-1-AP 1:2000) with mouse brain
tissue lysate 1800 ug.